



Dart Aerospace Ltd.
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D4149-3**Job Sheet 190294****Part No:** D4149-3**Job Qty:** 30 pcs**Part Name:** Spacer**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 2/7/19**Job Tracking No:****Due Date:** 2/14/19**Created By:** Marie Lajeunesse**Type:** SOLD**Description:**

Note: DWG REV C IPP REV:A NEW ISSUE 10-06-24 JLM VERIFIED BY:DD IPP Rev:B 11.03.03 as per revC DD
verf:JLM

Ship Via:**Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Bandsaw - 1	30 pcs	2/14/19	2/14/19	0.00	0.10	Bandsaw - 1	manL 14/02/20
110	HAAS 4 Axis - B4B	30 pcs	2/14/19	2/14/19	0.12	13.10	HAAS - 1 - B4B	manL 14/02/24
							HAAS - 2 - B4B	
							HAAS - 3 - B4B	
							HAAS - 4 - B4B	
130	QC 8	30 pcs	2/14/19	2/14/19	0.00	0.00	QC 8 - 12	kt 2017-02-24
							QC 8 - 14	
							QC 8 - 17	
							QC 8 - 20	
							QC 8 - 25	
							QC 8 - 3	
							QC 8 - 32	
							QC 8 - 33	
							QC 8 - 35	
							QC 8 - 39	
							QC 8 - 4	
							QC 8 - 44	
							QC 8 - 45	
							QC 8 - 49	
							QC 8 - 58	
							QC 8 - 8	
							QC 8 - 9	
							QC 8 - 68	
							QC 8 - 67	
							QC 8 - 1 (A)	
							QC 8 - 47	
170	Packaging 3-1 - Stock - B4B	30 pcs	2/14/19	2/14/19	0.00	0.00	Packaging 3 - 1 - B4B	
							Packaging 3 - 2 - B4B	
							Packaging 3 - 3 - B4B	
							Packaging 3 - 4 - B4B	

**Container No:** S154917**Part:** D4149-3**Job No:** 190294**Serial No/Batch:** S154917**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

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Date: 02/20/19

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				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	ST080 50 FEB 26 2019
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
180 QC 21 - SA	30 pcs	2/14/19	0.00 0.00	QC 21 - SA - 21	DAG 21 FEB 26 2019
				QC 21 - SA - 70	3-22 FEB 26 2019
				QC 21 - SA - 53	

Part Op **100** - (Bandsaw)
 Descriptions: **110** - (HAAS CNC Vertical Machine)
130 - (QC8- Inspect parts - second check)
170 - (Identify as per dwg & Stock Location: _____)
180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M303B1.000X1.000	M303B1.000 X 1.000	10 ft (.33333333 ea)	100-Bandsaw - 1	5136459

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M303B1.000X1.000	10	10	0

MAT
used
4.3641

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Spacer	0.129Inches + 0.005 - 0.001	0.134 0.128	Diameter	
2	Spacer	0.380Inches ± 0.030	0.410 0.350	Diameter	
3	Spacer	0.630Inches ± 0.030	0.660 0.600		
4	Spacer	1.588Inches ± 0.010	1.598 1.578		
5	Spacer	2.430Inches ± 0.030	2.460 2.400		
6	Spacer	0.630Inches ± 0.030	0.660 0.600		
7	Spacer	1.587Inches ± 0.010	1.597 1.577		
8	Spacer	0.750Inches ± 0.030	0.780 0.720		
9	Spacer	0.313Inches ± 0.010	0.323 0.303		
10	Spacer	0.380Inches ± 0.030	0.410 0.350	Radius	
11	Spacer	0.375Inches ± 0.010	0.385 0.365		
12	Spacer	0.750Inches ± 0.010	0.760 0.740		
13	Spacer	0.735Inches + 0.000 - 0.010	0.735 0.725		

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					